

? show files

[File 5] **Biosis Previews(R)** 1926-2007/Oct W3
(c) 2007 The Thomson Corporation. All rights reserved.

[File 6] **NTIS** 1964-2007/Oct W4
(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1884-2007/Oct W1
(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

[File 24] **CSA Life Sciences Abstracts** 1966-2007/Jun
(c) 2007 CSA. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Oct W2
(c) 2007 The Thomson Corp. All rights reserved.

[File 45] **EMCare** 2007/Oct W3
(c) 2007 Elsevier B.V. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Oct 24
(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 71] **ELSEVIER BIOBASE** 1994-2007/Oct W2
(c) 2007 Elsevier B.V. All rights reserved.

[File 73] **EMBASE** 1974-2007/Oct 25
(c) 2007 Elsevier B.V. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/Sep
(c) 2007 The HW Wilson Co. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Sep
(c) 2007 The HW Wilson Co. All rights reserved.

[File 135] **NewsRx Weekly Reports** 1995-2007/Oct W3
(c) 2007 NewsRx. All rights reserved.

[File 136] **BioEngineering Abstracts** 1966-2007/Jan
(c) 2007 CSA. All rights reserved.

[File 143] **Biol. & Agric. Index** 1983-2007/Sep
(c) 2007 The HW Wilson Co. All rights reserved.

[File 144] **Pascal** 1973-2007/Oct W2
(c) 2007 INIST/CNRS. All rights reserved.

[File 155] **MEDLINE(R)** 1950-2007/Oct 22
(c) format only 2007 Dialog. All rights reserved.

Dialog - 2

[File 172] **EMBASE Alert** 2007/Oct 18
(c) 2007 Elsevier B.V. All rights reserved.

[File 266] **FEDRIP** 2007/Sep
Comp & dist by NTIS, Intl Copyright All Rights Res. All rights reserved.

[File 315] **ChemEng & Biotec Abs** 1970-2007/Aug
(c) 2007 DECHEMA. All rights reserved.

[File 357] **Derwent Biotech Res.** 1982-2007/Sep W5
(c) 2007 The Thomson Corp. All rights reserved.

[File 358] **Current BioTech Abs** 1983-2006/Jan
(c) 2006 DECHEMA . All rights reserved.

**File 358: This file is no longer updating. Please use File 315, which includes all File 358 records and updates.*

[File 369] **New Scientist** 1994-2007/Sep W1
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.
**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 399] **CA SEARCH(R)** 1967-2007/UD=14718
(c) 2007 American Chemical Society. All rights reserved.
**File 399: Use is subject to the terms of your user/customer agreement. IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.*

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 2] **INSPEC** 1898-2007/Oct W2
(c) 2007 Institution of Electrical Engineers. All rights reserved.

? d s
Set Items Description
S1 170 AU='LEE, JERE REX':AU='LEE, JEREMY STUART' FROM 5, 6, 8, 24, 34, 45, 65,
71, 73, 98, 99, 135, 136, 143, 144, 155, 172, 266, 315, 357, 358, 369, 370, 399, 434, 2
S2 96 AU='LEE JEREMY':AU='LEE JEROME P' FROM 5, 6, 8, 24, 34, 45, 65, 71, 73,
98, 99, 135, 136, 143, 144, 155, 172, 266, 315, 357, 358, 369, 370, 399, 434, 2
S3 30 AU='WETTIG, S.D.':AU='WETTIG, SHAWN DAVID' FROM 5, 6, 8, 24, 34, 45, 65,
71, 73, 98, 99, 135, 136, 143, 144, 155, 172, 266, 315, 357, 358, 369, 370, 399, 434, 2
S4 59 AU='WETTIG S.D.':AU='WETTIG SHAWN D' FROM 5, 6, 8, 24, 34, 45, 65, 71, 73,
98, 99, 135, 136, 143, 144, 155, 172, 266, 315, 357, 358, 369, 370, 399, 434, 2
S5 173 AU='KRAATZ, HEINZ-BEMHARD':AU='KRAATZ, HIENZ-BERNHARD' FROM 5, 6, 8, 24,
34, 45, 65, 71, 73, 98, 99, 135, 136, 143, 144, 155, 172, 266, 315, 357, 358, 369, 370,
399, 434, 2
S6 75 AU='KRAATZ HEINZ BERNHARD':AU='KRAATZ HEINZ-BERNHARD' FROM 5, 6, 8, 24,

Dialog-3

34, 45, 65, 71, 73, 98, 99, 135, 136, 143, 144, 155, 172, 266, 315, 357, 358, 369, 370, 399, 434, 2

S7 531 S S1:S6
 S8 0 S S7 AND (CHANNEL? OR PORE?) AND DUPLEX AND M-DNA AND
 (INCORPORAT?(S)METAL)
 S9 4 S S7 AND (CHANNEL? OR PORE?) AND DUPLEX
 S10 12 S S7 AND M-DNA
 S11 8 RD (unique items)
 S12 36296 S M-DNA OR (METAL(S)DNA)
 S13 4360 S S12 AND CHELAT?
 S14 39 S S13 AND MISMATCH
 S15 39 S S14 AND (DNA AND (METAL OR ZN OR NI OR CO) AND MISMATCH)
 S16 0 S S15 AND MISMATCH AND DIVALENT AND INTERCHELAT?
 S17 0 S S15 AND DIVALENT
 S18 0 S S15 AND INTERCHELAT? AND (ZN OR NI OR CO) AND MISMATCH
 S19 0 S (PORE OR CHANNEL)AND TRANSLOCATION AND DUPLEX AND BEAD AND MAGNET?
 S20 99 S (PORE? OR CHANNEL?)AND (TRANSLOCAT? OR MOVE? OR PASS?) AND DNA AND
 DUPLEX
 S21 1 S S20 AND MAGNETIC(S)FIELD
 S22 5108 S (PORE? OR CHANNEL?)AND (TRANSLOCAT? OR MOVE? OR PASS?)AND (MAGNET?)
 S23 1553 S S22 AND (MAGNETIC(S)FIELD)
 S24 2415206 S S23 AND DNA OR NUCLEIC OR OLIGO?
 S25 50 S S23 AND (DNA OR NUCLEIC OR OLIGO?)

?

EAST Search History — |




| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 18 | ("20010045357" "20030013672" "5795782" "5882496" "6004450" "6015714" "6067246" "6136543" "6267872").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/26 11:46 |
| S2 | 7 | S1 and channel and potential | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:15 |
| S3 | 1330 | (kraatz.in. or lee.in. or wettig.in.) and hybridiz\$8 and potential | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/26 12:40 |
| S4 | 363 | S3 and metal and (channel or pore) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/26 12:42 |
| S5 | 91 | S4 and electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 09:50 |
| S6 | 4 | (channel or pore)with (mdna or (m near2 dna) or m-dna) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:35 |
| S7 | 50 | (channel or pore)and (mdna or m-dna) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/07 15:44 |
| S8 | 0 | "electro chemical detection" and (mdna or m-dna) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/07 16:02 |
| S9 | 3 | "20030013672" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/07 16:04 |
| S10 | 2 | "5874046".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/07 16:05 |
| S11 | 2 | "5843767".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:30 |
| S12 | 0 | (channel adj pore)with (mdna or (m near2 dna) or m-dna) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:35 |

EAST Search History

- 2 ~~8~~


| | | | | | | |
|-----|-------|--|---|----|----|------------------|
| S13 | 11815 | (channel or pore)with (mdna or (m near2 dna) or m-dna or dna or \$5nucleotid\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:36 |
| S14 | 3130 | S13 and label\$3 same (metal or zn or mg) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:37 |
| S15 | 2867 | S14 and (lumen or membrane) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:38 |
| S16 | 38 | S15 and metal near3 nucleic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/24 17:20 |
| S17 | 18265 | (metal or zn or co or ni or nickel or cobalt or zinc) near3 (nucleic or dna or \$5nucleotid\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:48 |
| S18 | 6 | S17 and (transloc\$6 near3 (first and second)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 17:02 |
| S19 | 2 | "6015714".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 16:57 |
| S20 | 235 | S17 and ((transloc\$6 or pass\$5 or mov\$6) near3 (first and second)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/10 17:03 |
| S21 | 5 | ("5671086").URPN. | USPAT | OR | ON | 2007/07/10 17:26 |
| S22 | 17 | branton.in. and (dna or nucleic)and translocat\$5 and nanopor\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 08:22 |
| S23 | 1 | (dna or nucleic)and translocat\$5 and nanopor\$3 and ((detect\$3 or measur\$4 or identif\$3) near5 (divalent near2 cation\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 08:38 |
| S24 | 5 | (dna or nucleic)and translocat\$5 and nanopor\$3 and ((detect\$3 or measur\$4 or identif\$3) and (divalent near2 cation\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 09:42 |
| S25 | 220 | (detect\$3 or measur\$4 or identif\$3) near5 (divalent near2 cation\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 10:00 |

EAST Search History

- 3 

| | | | | | | |
|-----|-------|--|---|----|----|------------------|
| S26 | 10455 | (dna or nucleic or rna or \$6nucleotid\$2)and translocat\$5 and (nanopor\$3 or channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 08:45 |
| S27 | 9 | S25 and S26 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 09:34 |
| S28 | 770 | howorka.in. or cheley.in. or bayley.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 09:41 |
| S29 | 0 | S28 and (dna or nucleic)and translocat\$5 and nanopor\$3 and ((detect\$3 or measur\$4 or identif\$3) and (divalent near2 cation\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 09:43 |
| S30 | 3 | S28 and (dna or nucleic)and translocat\$5 and nanopor\$3 and (detect\$3 or measur\$4 or identif\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 09:58 |
| S31 | 18 | (vercoutere.in. or winters-hilt.in. Or olsen.in. or deamer.in. or hausler.in. or akeson.in.) and (dna or nucleic)and translocat\$5 and nanopor\$3 and (detect\$3 or measur\$4 or identif\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:23 |
| S32 | 18 | (vercoutere.in. or winters-hilt.in. or olsen.in. or deamer.in. or hausler.in. or akeson.in.) and (dna or nucleic)and translocat\$5 and nanopor\$3 and (detect\$3 or measur\$4 or identif\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 10:00 |
| S33 | 0 | S32 and (detect\$3 or measur\$4 or identif\$3) near5 (divalent near2 cation\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/06 10:00 |
| S34 | 1374 | (kraatz.in. or lee.in. or wettig.in.) and hybridiz\$8 and potential | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:16 |
| S35 | 249 | S34 and channel and translocation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:17 |
| S36 | 173 | S35 and hybridiz\$9 and duplex | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:18 |
| S37 | 14 | S36 and (channel or pore) same translocation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:21 |

EAST Search History

- 4 

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| S38 | 18 | ("20010045357" "20030013672" "5795782" "5882496" "6004450" "6015714" "6067246" "6136543" "6267872").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:21 |
| S39 | 3 | S38 and (channel or pore) same translocation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:22 |
| S40 | 1283 | (channel or pore) same translocation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:22 |
| S41 | 18 | (vercoutere.in. or "winters-hilt".in. or olsen.in. or deamer.in. or hausler.in. or akeson.in.) and (dna or nucleic)and translocat\$5 and nanopor\$3 and (detect\$3 or measur\$4 or identif\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/23 16:24 |
| S42 | 0 | incorporat\$4 near5 metal near5 nucleic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/24 17:21 |
| S43 | 85 | incorporat\$4 near5 metal near5 nucleic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/24 17:29 |
| S44 | 2 | "20020197618" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/24 17:29 |
| S45 | 58 | "6136543" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 10:49 |
| S46 | 0 | mismatch same (divalent near2 metal) same chelat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 10:50 |
| S47 | 697 | mismatch and (divalent near2 metal) and chelat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 10:50 |
| S48 | 231 | (mismatch same (detect\$4 or measur\$8)) and ((divalent near2 metal) same chelat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 10:53 |
| S49 | 0 | (mismatch same (detect\$4 or measur\$8)) same((divalent near2 metal) same chelat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 10:51 |
| S50 | 231 | S48 and (DNA or nucleic or duplex) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 10:52 |

EAST Search History

- 5 2

| | | | | | | |
|-----|-------|--|---|----|----|------------------|
| S51 | 222 | ((DNA or nucleic or duplex)same(mismatch) same (detect\$4 or measur\$8)) and ((divalent near2 metal) same chelat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:01 |
| S52 | 0 | ((DNA or nucleic or duplex)same(mismatch or mutat\$6) same (detect\$4 or measur\$8)) same((divalent near2 metal) same chelat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:02 |
| S53 | 0 | ((DNA or nucleic or duplex)same(mismatch or mutat\$6) same (detect\$4 or measur\$8)) near10((divalent near2 metal) same chelat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:03 |
| S54 | 2 | (mismatch or mutat\$6) same ((divalent near2 metal) same chelat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:04 |
| S55 | 54 | (duplex same (mismatch or mutat\$6)) and ((divalent near2 metal) same \$6chelate\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:06 |
| S56 | 4 | "6312913" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:24 |
| S57 | 17036 | mismatch and duplex and (zinc or nickel or cobalt or zn or ni or co) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:25 |
| S58 | 92 | mismatch same duplex same (zinc or nickel or cobalt or zn or ni or co) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:26 |
| S59 | 17 | mismatch same duplex same (zinc or nickel or cobalt or zn or ni) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:40 |
| S60 | 7 | "6022959" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 11:40 |
| S61 | 7 | (detect\$3 or measur\$8)same(divalent near2 metal)same (incorporat\$5 or add\$3 or mix\$3) same duplex | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 12:57 |
| S62 | 3 | "6808884" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:10 |
| S63 | 2638 | (kimura.in. or katsube.in. or kikuta.in.) and (zinc or zn) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:18 |

EAST Search History

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| S64 | 1 | (kimura.in. or katsube.in. or kikuta.in.) and (zinc or zn) and dna and mismatch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:31 |
| S65 | 0 | santalucia.in. and (zinc or zn) and dna and mismatch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:46 |
| S66 | 0 | santalucia.in. and (zinc or zn) and dna | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:31 |
| S67 | 11 | (zinc or zn or ni or cobalt or nickel) same duplex same chelat\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:33 |
| S68 | 8677 | (zinc or zn or ni or cobalt or nickel) with (dna or \$6nucleotid\$2 or nucleic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:36 |
| S69 | 3174 | S68 and (mismatch or snp\$2 or (single near2 nucleotide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:36 |
| S70 | 137 | ((zinc or zn or ni or cobalt or nickel) with (dna or \$6nucleotid\$2 or nucleic))same(mismatch or snp\$2 or (single near2 nucleotide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:37 |
| S71 | 2 | santalucia.in. and dna and mismatch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/25 14:46 |